

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-15 (Canceled).

16 (Currently Amended): An electrical connection part for a fiberizing installation for delivering filaments, said part comprising:

~~wherein the connection part is made of~~

an electrically conducting material; and

~~having~~

at least one contact surface,

wherein the at least one contact surface is coated with gold and is configured to conduct a current of approximately 3000 A with a supply and connection part.

17 (Previously Presented): The electrical connection part as claimed in claim 16, wherein the connection part is entirely coated with gold.

18 (Previously Presented): The electrical connection part as claimed in claim 16, wherein a thickness of the gold is around 5 .mu.m.

19 (Previously Presented): The electrical connection part as claimed in claim 16, wherein the gold has a purity of at least 97%.

20 (Previously Presented): The electrical connection part as claimed in claim 16, wherein the gold is doped.

21 (Previously Presented): The electrical connection part as claimed in claim 20, wherein the gold is doped with cobalt or nickel.

22 (Previously Presented): The electrical connection part as claimed in claim 16, wherein the at least one contact surface has a hardness of at least 80 HV.

23 (Previously Presented): The electrical connection part as claimed in claim 16, wherein the electrically conducting material of the connection part is copper or aluminum.

24 (Previously Presented): An electrical connection device for a fiberizing installation for delivering filaments, comprising:

the electrical connection part as claimed in claim 16; and

a supply and connection part, also made of an electrically conducting material, the electrical connection part and supply and connection part cooperating by friction over two respective contact surfaces to ensure electrical connection between them.

25 (Previously Presented): The device as claimed in claim 24, wherein the supply and connection part is entirely made of copper or aluminum.

26 (Previously Presented): The device as claimed in claim 24, wherein the contact surface of the supply and connection part is covered with silver, tin, zinc, or gold.

27 (Previously Presented): A fiberizing installation for delivering filaments, comprising: a bushing from which the filaments are drawn, the bushing being heated by an electrical connection device as claimed in claim 24.

28 (Previously Presented): The fiberizing installation as claimed in claim 27, wherein the electrical connection part includes a jaw mechanically connected to a terminal of the bushing, wherein the jaw is made of copper and coated on at least its contact surface with gold, and the supply and connection part includes a stationary part made of copper or aluminum and maintained at a height for cooperating via its contact surface with the contact surface of the connection part.

29 (Previously Presented): The fiberizing installation as claimed in claim 28, further comprising a bushing provided with at least two electrical connection terminals that are placed on each of the ends of the bushing.

30 (Previously Presented): The fiberizing installation as claimed in claim 29, wherein the stationary supply and connection part has a geometry configured to bring into contact with its electrical contact surface plural contact surfaces of a plurality of respective jaws, each jaw being electrically and mechanically connected to one of the multiple connection terminals respectively of one end of the bushing.

31 (New): The electrical connection part of claim 16, wherein the contact surface is further configured to contact with and be pressed against the supply and connection part by at least a bolt passing through an opening in the at least one contact surface, and slide along the supply and connection part to vary a size of the contact surface that contacts with the supply and connection part to adjust an amount of the current conducted with the supply and connection part.

32 (New): The electrical connection part of claim 16, further comprising:
a bushing contact surface configured to be pressed against a bushing heated to a temperature of around 1100 to 1400 °C.